

Converting Colors

XYZ(52.1697, 37.2605, 99.0501)

Have a look what the booklet for
XYZ(52.1697, 37.2605, 99.0501)
contains.

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Color

**XYZ(52.1697, 37.2605,
99.0501)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CF85FF |
| RGB | 207, 133, 255 |
| RGB Percent | 81%, 52%, 100% |
| CMY | 0.1882, 0.4784, 0.0000 |
| CMYK | 0.19, 0.48, 0.00, 0.00 |
| HSL | 276°, 100%, 76% |
| HSV | 276°, 48%, 100% |
| XYZ | 52.1697, 37.2605, 99.0501 |
| YIQ | 169.0340, 4.9420, 53.6300 |

Conversions

Conversions Part 2

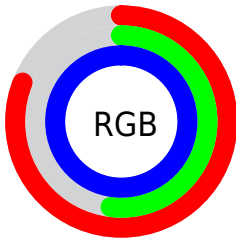
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 133, 255 |
| Decimal | 13600255 |
| CIE Lab | 67.47, 49.59, -49.87 |
| CIE LCh | 67, 70.330, 314.838 |
| Yxy | 37.2605, 0.2768, 0.1977 |
| Android (android.graphics.Color) | 4291790335 (0xFFCF85FF) |
| YUV | 169.0340, 42.3812, 33.2962 |
| Hunter-Lab | 61.0414, 45.7346, -53.4792 |

Details

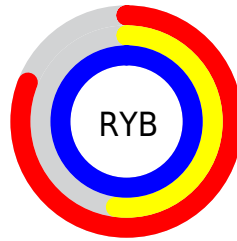
The XYZ color **52.1697, 37.2605, 99.0501** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.0503, 83.0375, 35.1073**, and the grayscale version is **37.5255, 39.4798, 42.9935**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **25.7131, 16.4461, 55.2453** is the 20% darker color. If you saturate the color by 10%, you get **46.3786, 29.7071, 97.8974**, and if you desaturate by 10%, it is **58.9888, 46.6032, 100.4940**.

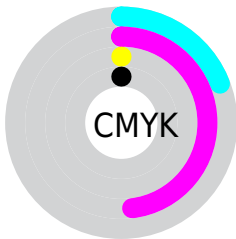
Distribution



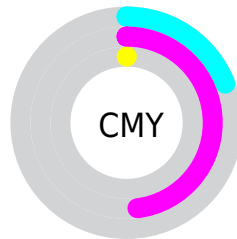
- Red (81%)
- Green (52%)
- Blue (100%)



- Red (81%)
- Yellow (52%)
- Blue (100%)



- Cyan (19%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1697, 37.2605, 99.0501 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 52.1697, 37.2605, 99.0501 by changing the saturation by 10% instead.


 52.1697, 37.2605,
99.0501

 52.1697, 37.2605,
99.0501

385.4046,
334.4370, 578.3635


 37.3652, 25.4092,
74.8950


 92.5542, 70.9733,
161.8917

 25.6653, 16.3822,
55.0257


 118.8649, 93.6035,
201.4152

 16.7048, 9.7950,
39.0235


 149.7417,
120.5956, 246.8987

 10.1182, 5.2633,
26.4701

185.5499,
152.3339, 298.7606

 5.5403, 2.4025,
16.9467

226.6550,
189.2028, 357.4195

 2.6056, 0.8272,
10.0350

273.4222,

 0.9488, 0.0000,

231.5867, 423.2939

5.3162

326.2170,
279.8699, 496.8024

■ 0.0000, 0.0000,
2.3720

■ 0.0000, 0.0000,
0.7711

■ 52.1697, 37.2605,
99.0501

■ 52.1697, 37.2605,
99.0501

■ 46.3786, 29.7071,
97.8974

■ 58.9888, 46.6032,
100.4940

■ 41.5459, 23.8121,
97.0142

■ 66.8913, 57.8446,
102.2473

■ 37.5986, 19.4334,
96.3771

■ 75.9329, 71.0905,
104.3275

■ 34.4495, 16.4018,
95.9579

■ 86.1642, 86.4373,
106.7505

■ 31.9832, 14.4915, 95.0500, 100.0000,
95.7192 108.9000

■ 31.5052, 14.1564,
95.6797

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.0041, 37.2605, 129.5019



52.1697, 37.2605, 99.0501



59.4799, 37.2605, 58.2000

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.1697, 37.2605, 99.0501



41.1293, 37.2605, 5.9830



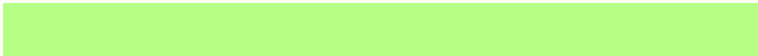
18.8939, 37.2605, 57.7875

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.1697, 37.2605, 99.0501



59.0503, 83.0375, 35.1073

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.9139, 37.2605, 26.9174



52.1697, 37.2605, 99.0501



30.3584, 37.2605, 5.9587

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.1697, 37.2605, 99.0501



52.2773, 37.2605, 11.4230



22.6969, 37.2605, 11.3211



22.6352, 37.2605, 98.6193

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.1697, 37.2605, 99.0501



60.4015, 37.2605, 35.7580



22.6969, 37.2605, 11.3211



18.4899, 37.2605, 45.7962

Sweetspot

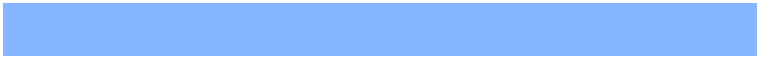
The Sweet Spot groups the original color and five complimentary colors.



52.1710, 37.2620, 99.0503



79.7199, 76.7325, 105.2169



44.4110, 45.5819, 101.0652



16.6034, 15.7374, 22.4125



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.1710, 37.2620, 99.0503



46.8281, 30.2771, 97.9837



65.7756, 44.4952, 89.7577



18.0604, 17.9229, 22.7575



16.6348, 7.4860, 50.0028



1.7425, 0.7922, 4.8743

Inverse Universe

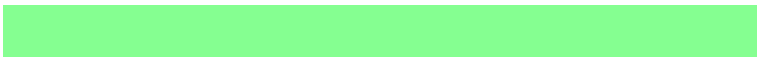
The Inverse Universe completely reimagines the original color for something new.



57.9687, 41.3724, 48.6471



53.7381, 35.1204, 40.4261



50.5601, 78.5575, 39.3688



18.3053, 18.1054, 20.2249



22.8272, 11.6202, 7.7403



2.2745, 1.1522, 1.0268

Previews

White Background



This preview shows how the XYZ color 52.1697, 37.2605, 99.0501 looks on a white background.

Color Contrast Check

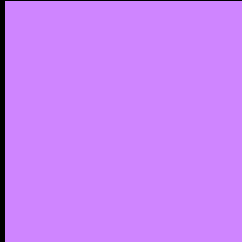
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 52.1697, 37.2605, 99.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

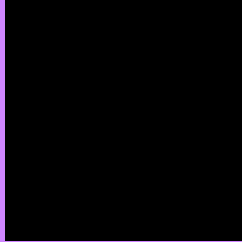
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1697, 37.2605, 99.0501

Background



This preview shows how black text looks on a background with the XYZ color 52.1697, 37.2605, 99.0501.



This preview shows how white text looks on a background with the XYZ color 52.1697, 37.2605,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.1697, 37.2605, 99.0501

Protanopia

40.0236, 37.7278, 99.7805

Deuteranopia

38.6865, 37.6756, 94.8556



Tritanopia

40.4309, 37.2018, 41.1261

Trichromacy



Original Color

52.1697, 37.2605, 99.0501



Protanomaly

43.0212, 36.5213, 99.3896



Deuteranomaly

42.1302, 36.6175, 96.1142

Tritanomaly

43.7606, 36.6408, 58.1920

Monochromacy



Original Color

52.1697, 37.2605, 99.0501



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

41.8422, 38.0143, 59.7758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1697, 37.2605, 99.0501 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 133, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 133, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.1697, 37.2605, 99.0501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 133, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 133, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 133,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1697, 37.2605, 99.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 133, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
133, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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